

Specifications	
Rated Power Output	130 W (65 W + 65 W)
Patches	160 (Preset: 80 + User: 80)
Nominal Input Level (1 kHz)	INPUT HIGH: -10 dBu/470 kΩ, INPUT LOW: 0 dBu/330 kΩ, EXT IN: +4 dBu
Nominal Output Level	LINE OUT: +4 dBu
Speakers	(30 cm + Horn Tweeter) x 2
Display	8 segments 3 characters LED
Controls	<COSM GUITAR section> TYPE button, PICKUP button, TUNING button, CAPO button <COSM AMPLIFIER section> AMP TYPE button, GAIN knob, VOLUME knob, EQUALIZER (BASS knob, MIDDLE knob, TREBLE knob), PRESENCE knob, SPEAKER TYPE button <EFFECTS section> EFX (EFX button, SELECT button, Control knob x 2), DELAY (DELAY button, TAP TEMPO button, FEEDBACK knob, LEVEL knob), CHORUS (CHORUS button, INTENSITY knob), REVERB (REVERB button, LEVEL knob) <Master section> TUNER button, VARIATION/EDIT button, GK button, SYSTEM button, WRITE button, PRESET/USER button, BANK▼ button, BANK▲ button, NUMBER▼ button, NUMBER▲ button, MANUAL button, Direct number button (A/B, 1/6-5/10), TUNER indicator, MASTER knob, POWER switch
Connectors	GK IN connector, INPUT jacks (HIGH, LOW), PHONES jack, LINE OUT jacks [L(MONO)/R], EXT IN jacks [L(MONO)/R], EXP PEDAL jack, EFX jack, DELAY jack (TIP: ON/OFF, RING: TAP TEMPO), CHORUS jack, REVERB jack, MIDI connectors (IN, OUT/THRU)
Power Supply	AC 117 V/ 230 V/ 240 V
Power Consumption	160 W (117 V, 230 V, 240 V)
Dimensions	770 (W) x 300 (D) x 640 (H) mm, 30 - 3/8 (W) x 11-13/16 (D) x 25 - 1/4 (H) inches (Include casters)
Weight	37.6 kg / 82 lbs 15 oz
Accessories	GK Connecting Cable: C-13A (5 m), Casters (x4)

* 0 dBu = 0.775 Vrms



Composite Object Sound Modeling

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/electronic/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.

Options



**GK-2A
Divided Pickup**
Small and compact, the GK-2A pickup is a synth driver that can be mounted on any guitar quickly and easily, operating in close proximity to the strings for maximum sensitivity and tracking accuracy.



**GFC-50
Foot Controller**



**US-20
Unit Selector**



**EV-5
Expression Pedal**



**FV-300L
Foot Volume/Expression**



**FS-5U
Footswitch (Unlatch Type)**



**FS-5L
Footswitch (Latch Type)**

**C-13B
GK Connecting Cable
(10 m)**



VGA-7

V-Guitar Amplifier





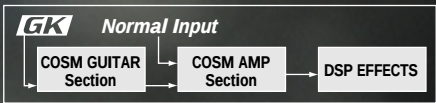
The Future of Guitar Amplification is Here.

When the engineers at Roland Corporation set out to design the cutting-edge VGA-7 V-Guitar Amplifier, they worked with a single goal in mind: incredible tones. Because no matter how powerful or sophisticated a guitar amplifier is, its tone is first and foremost. Thanks to breakthrough COSM™ modeling technology, the VGA-7 not only nails a range of classic and modern amp tones, but can also model guitar tones—from solidbody electrics to acoustic guitars and banjos—giving you a room full of great-sounding guitars and amps at your fingertips.

VGA-7 Features

- Digital modeling guitar amplifier with simple analog-style controls
- 20 distinct COSM amp models plus speaker cabinet simulations
- Gain, Volume, 3-band EQ and Presence controls customized for each amp model
- 26 COSM guitar types—electric, acoustic, hollow-body, and “guitar-meets-synth”—using any steel-string guitar w/ optional GK-2A Divided Pickup (sold separately)
- Pickup type and position simulations with pickup blending capabilities*
- Polyphonic Intelligent Pitch Shifter for instant open, Nashville, and user-defined tunings, 12-string guitars*
- 4 independent effects processors with 15 distinct Roland/BOSS effects algorithms
- 80 preset memories plus 80 user memories with extensive foot control options
- GK-Ready 13-pin input plus standard 1/4” guitar input for direct access to amp/speaker cabinet modeling sections
- 65W + 65W/ 2x12” plus 2 horn driver stereo configuration

* Requires optional GK-2A Divided Pickup (sold separately).



COSM Guitar Modeling

26 Guitars and Instant Tunings from an Amp? Yep.

The most striking capability of the VGA-7 is its ability to model not only amplifiers, but guitars as well. These simulations include solidbody electrics like Fender Stratocasters and Telecasters, Gibson Les Pauls, hollow-body jazz guitars, and miked and unmiked acoustic models (including a nylon string!)*. You can also select between various pickups and placements and dynamic “guitar-meets-synth” models. And all of these guitar models and sounds can be played from any steel-stringed guitar equipped with the optional GK-2A Divided Pickup (sold separately).

But it doesn't stop there. The VGA-7 and optional GK-2A also give you instant open, Nashville, 12-string, and user-defined tunings, plus a world's first “Digital Capo” function which can instantly re-pitch your entire guitar sound up or down for playing in different keys.



COSM Amp Modeling

A Range of Vintage and Modern Amps

The VGA-7 offers models of 20 distinct amp types—from vintage and modern tube amps to solid-state and acoustic amps—plus speaker cabinet selections. Thanks to years of digital modeling experience and extensive R&D, the amp models provide a range of extremely dynamic and natural overdrive sounds, without a tube in sight. It's like nothing you've ever heard from a digital amp before: sparkling clean sounds, warm bluesy tones or earth-shaking high-gain mayhem.

But just because the technology inside is fierce doesn't mean an amp has to be hard to use. As a testimony to this, Gain, Volume, 3-Band EQ and Presence can be tweaked instantly on the VGA-7 using familiar knob-based controls. Of course, each of these controls yield a response modeled precisely after the amp being simulated: from classic Marshall Plexis to Fender combos*, custom and "boutique" amps, and even Roland's own JC-120 Jazz Chorus™.

* Note that all trademarks are property of their respective owners, which are in no way associated or affiliate with Roland Corporation.

SPEAKER/CABINET TYPE		
ORIGINAL	OPENBACK	CLOSEDBACK
Note that speaker cabinet type depends on amp simulation.	1x12" CLASSIC	4x12" CLASSIC
	1x12" MODERN	4x12" MODERN
	2x12" CLASSIC	4x12" CLASSIC STACK
	2x12" MODERN	4x12" MODERN STACK

COSM AMP TYPE				
CLEAN	CRUNCH	LEAD	SPECIAL	FULL RANGE
JC: JC-120 CLASSIC 1: American Twin CLASSIC 2: VO Clean MELLOW: Poly	CLASSIC 1: PR-Reverb CLASSIC 2: VO Crunch CLASSIC 3: American Tweed MODERN: Match	CLASSIC: MS1987(I) CLASSICII: MS1987(II-II) MODERN 1: BG MODERN 2: SLOD METAL 1: S150 METAL 2: VGA Metal	LAYER 1 FUZZ	FLAT SHAPED FAT

You can even set the pitch for each string individually and save your custom tunings into memory, recalling them with the touch of a button.

Wondering how it's all done? The secret behind the guitar modeling and instant tunings is the VGA-7's "GK-Ready" 13-pin input and the GK-2A Divided Pickup—which provides a separate audio signal for each string of your guitar (instead of a "combined" output like traditional guitar pickups). The Divided Pickup can be user-installed on your favorite steel-string guitar without any permanent modification; or you can buy a variety of GK-compatible guitars from manufacturers including Fender, Washburn, Godin and Brain Moore Guitars.*

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COSM GUITAR TYPE						
ST	LP	TEL	HOLLOW	ACOUSTIC	SPECIAL	
CLASSIC MODERN S-S-H	CLASSIC MODERN Jr	CLASSIC MODERN H-S	SEMI FULL RICK	STANDARD ROUND METAL	NYRON STR BANJO UKULELE	BOWED PIPE ORGAN BRASS
						SOLO SYNTH 1 SYNTH 2 FILTER BASS

TUNING TYPE		
12 STRING	OPEN TYPE	NASHVILLE
REGULAR OCTAVE DETUNE	OPEN D OPEN G DROPPED D	TYPE 1 TYPE 2

Innovative Design

130 Watts of Pure Sonic Bliss

While many of today's digital modeling amps basically simulate various guitar amps, the Roland VGA-7 models everything from guitar bodies to pickups to speaker cabinets. This is possible in part thanks to the VGA-7's innovative stereo amp design (65 watt x 2) and "full-range" speaker complement: two 12" Eminence® speakers and two horn drivers. This system allows precise modeling of various speakers, as well as capturing the delicate top-end of the VGA-7's hollow-body and acoustic guitar models and synth-type sounds.



4 Onboard Digital Effects

Completing the Sonic Picture

The VGA-7 includes four independent onboard effects processors, with a total of 15 effects algorithms from the Roland/BOSS sound labs. These effects include reverb, delay, wah, flanger, and classic effect simulations, plus unique BOSS effects like “Slow Gear,” which provides automatic fade-ins. All effects sounds can be tweaked using simple knob-based controls, and then saved along with guitar model, tuning, amp sound, speaker cabinet, etc. into a single patch. This processing power and instant recall lets you do things like add a hint of concert hall reverb to your nylon string guitar model, or apply some wah to that Classic ‘60s sound you've got, or some heavy flange to that death metal sound. Of particular note are the lush reverb, chorus and delay effects, which are run in true JC-120-style stereo thanks to the VGA-7's twin amp, twin speaker design. All effects are also controllable via optional footswitch, with a range of control capabilities including patch selection, tap tempo, and more.

EFFECTS			
EFX	DELAY	CHORUS	REVERB
WAH	TREMOLO	MONO	SPACE
SLOW GEAR	PHASER	PANNING	WARM
COMP	FLANGER	HOLD	BRIGHT

...And More

Helpful Extras Make the Difference

In addition to its incredible sonic firepower, the VGA-7 provides lots of "extras," like an External Mix input for blending in different sound sources, an onboard guitar tuner (so you'll never have to unplug), and a “Manual” mode for instant tone tweaking using good old-fashioned knobs. Operation is exceptionally easy thanks to a series of LED's which let you quickly confirm which guitar model, tuning, pickup placement, etc. you're using. And since it's a digitally controlled amp, the VGA-7 gives you the ability to recall up to 80 preset and 80 user-defined patches. Finally, for direct recording applications, the VGA-7 gives you stereo line outs with speaker simulation. Put it all together, and you're looking at the future of guitar amplification.



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